

Technical specifications – Disposable mask

Honeywell 801V-NL
Code SAP : BR101H801VNL

R&D SPE 04/016

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1) **PRODUCT DESIGNATION:** Honeywell H801V-NL

2) **Item code(SAP #):** BR101H801VNL

3) **CONTEXT**

The single-use respirator must meet the requirements of the Brazil standard ABNT NBR 13698-1996 as PFF2 S class without valve

4) **NOMENCLATURE**

Honeywell - Bill of material :

OBJET	CODE COMPOSANT	SUPPLIER	SUPPLIER ADDRESS AND SPEC GRADE
外层/outer shell	Grey PP spunbond 28g/m ²	浙江华银非织造布有限公司 Zhe Jiang HuaYin Nonwovens Co., Ltd	杭州经济技术开发区 3 街 18 号/No.18,Block 3, Hangzhou Economic & Technological Development Zone, Hangzhou China. 28G 灰色纺粘布/18.5cm Grey PP spunbond 28G/m ² /width:18.5cm
中一层/Activated Carbon layer	Grey needle bonded fabric+ activated Carbon 175 g/m ²	南通市滤神环保净化材料有 限公司 Lvshen environmental protection purification material Co., Ltd	江苏南通市跃龙南路 88 号 No.88, Yuelong south road, nantong 175G 灰色夹碳针刺棉/20cm Grey mix activated carbon needle bonded fabric 175g/m ² /width:20cm
中二层/ filter media	Filtering media (60g/m ² (N95))	兆嘉工程用布有限公司 /Zhaojia Engineering Fabric(Shanghai)Co., Ltd.	上海市松江区新浜工业园区文兵路 683 号 /No.683, Wenbing Road, Xinbang Industrial Park, Songjiang, Shanghai. 55L/min ≤ 10mmH ₂ O ; NaCl penetration ≤ 2%
内层/inner shell	Polyester fiber 18cm needle bonded fabric 230g/m ²	上海松瀛喷胶棉有限公司 /Shanghai Songyin Spurting Ruberized Cotton Goods Co., Ltd	上海市金山区松隐镇松前公路 1972 号 /No.1972, Industrial Garden, Songyin Town, Jinshan District, Shanghai. 230G 白色针刺棉/18cm needle bonded fabric 230G/m ² /width:18cm
编织头带/head strap	7mm 7# white elastic band, polyurethane (40%) & polyester (60%)	上海松江伟明仪器厂 /Shanghai Songjiang Weiming Instrmnt Factory	上海市松江区天马山镇三界址村 409 号 /No.409, Sanjie Village, Mashan Tianmashan Town, Songjiang District, Shanghai. 7#白色松紧带/宽度 7mm 7# white elastic band/width:7mm
鼻夹/Nose bridge	Aluminum-3003 90*5*0.6mm	上海雄峰无纺布制品有限公司/Shanghai XiongFeng Nowoven Products Co., Ltd	上海市松江区李塔汇镇闵塔路 669 弄 21 号 /No.21, 669 Lane, MinTa Road, Litahui Town, Songjing District, Shanghai. 带胶弯铝条/90*5*0.6mm nose clip:90*5*0.6mm
密封垫/Seal	Polyester Polyurethane Foam:90*10*5mm	上海香涵橡塑制品有限公司 /Shanghai Xianghan Rubber Products Co., Ltd	上海市青浦区华徐公路 3029 弄 43 号 /No.43, Huaxu Road, Qingpu, Shanghai. 黑色聚酯涂胶海绵/90*10mm 厚度 5mm Polyester Polyurethane Foam:90*10*5mm
呼气阀盖/Exhalation valve cover	PP (Polypropylene)	上海赢淞模具有限公司 /Shanghai Yingsong mould Co. Ltd.	上海市松江区泖港镇新波路 517 弄 5 号 No.5, Lane 517, Xinbo Road, Maogang Town, Songjiang District, Shanghai. 白色聚丙烯+黑色硅橡胶/White PP + black Silicon rubber Φ 38.5mm
呼气阀膜片/Exhalation valve membrane	Synthetic rubber		
呼气阀座/Exhalation valve seat	PP (Polypropylene)		
Mask printing	Mask printing	上海恒光实业有限公司	

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Polybag	370*250mm		
Dpack	250*137*190mm	上海博彩包装印刷有限公司	
Fpack	700*515*395mm	上海协鸿包装材料有限公司	
Label Dpack and Fpack and leaflet			

All the raw material used must not contain lead, mercury, cadmium, hexavalent chromium, polybromobiphenyle (PBB), polybromodiphenylether (PBDE), natural latex, proteins, silicone, phthalates, Nickel nor formaldehyde.

All the raw material must respect the Directive 2002/95/EC.

All the manufacturing step must not include in the raw material and/or mask: lead, mercury, cadmium, hexavalent chromium, polybromobiphenyle (PBB), polybromodiphenylether (PBDE), natural latex, proteins, silicone, phthalates, Nickel nor formaldehyde.

The masks is manufactured in the following factory :
Shanghai Gangkai Purifying Products Co., Ltd

5) TECHNICAL DRAWING

Refer to the technical drawing validated by Falcao Bauer and / or Honeywell China :-without ind.

6) CHARACTERISTICS

6-1/Technical

Each individual unit must meet the requirements of the Brazil standard ABNT NBR 13698-2011 according to his class and feature (with valve)

6-2/ Stacking -welding

The stacking follow this order : external shell (Spunbond), filtering media, internal layer (polyester nonwoven molded).
The welding is point bonded without any plasticized area. No raw material welded must be removed easily by hand.

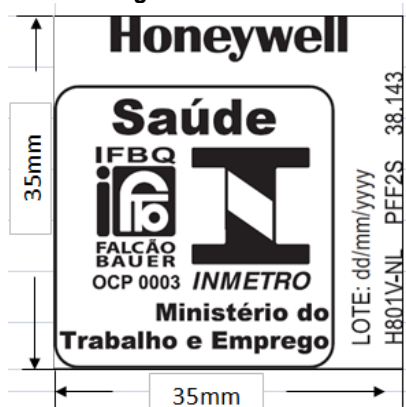
6-3/ Fastenings

Braids – high part of the mask		Braids – Low part of the mask	
Length between welded area =	333 mm $\pm$ 8 mm	Length between welded area =	268 mm $\pm$ 8 mm

The braids are welded by ultrasonic on the high part of the mask and on the low part of the mask.
The welding area is located on upper and lower “not welded ” part of the mask

6-4/ Labels

6-5/ Marking instructions



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6-6/ Packing instructions

The single use respirators are placed in a polybag making a stacking of 20 masks. then Two bags of masks and a leaflet are put in a Dpack. The Dpack are packed per 18 in the Fpack.

APPENDIX 1

